

## JAMAICA.

# METEOROLOGICAL OBSERVATIONS.

YEAR 1934.

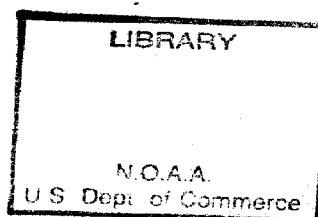
The hours of observations are 7 a.m. and 3 p.m. The "Mean" refers to the day of 24 hours as deduced from these hours, (including the Maximum and Minimum Temperatures) for Tables at end.

Meridian of Longitude for calculation of time adopted as Standard in the Colony .. .. .	75° W.
Hours slow of Greenwich Mean Time .. .. .	5

## KINGSTON.

Latitude .. .. .	17° 58' N.
Longitude .. .. .	76° 48' W.

QC  
987  
J25  
M48  
1934



# **National Oceanic and Atmospheric Administration**

## **Climate Database Modernization Program**

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March 28, 2002



STATION—KINGSTON.

JANUARY, 1934.

Day.	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point. Fah.		Relative Humidity.		Wind Direction and Velocity (m.p.h.)		Amount of Cloud.		Rain- fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.
1	Ins. .993	Ins. .961	70.8	78.4	78.7	67.3	69	69	95	74	S.E. 4	E. 9	10	10	0.07
2	.959	.919	66.5	81.9	81.8	65.1	64	67	89	61	N. 4	S. 5	..	2	
3	.927	.908	67.1	71.5	83.8	66.3	65	71	92	99	N. 8	N. 4	..	10	
4	.948	.923	66.3	83.1	83.3	65.8	64	68	95	60	N. 2	S. 7	..	..	
5	.965	.930	66.1	83.3	83.3	65.1	64	63	92	51	W. 2	S. 4	..	..	
6	.963	.930	66.9	84.1	86.1	66.3	64	68	90	59	N.E. 3	S.E. 24	..	..	
7	.019	.962	69.0	85.0	86.2	68.5	66	73	90	68	N. 4	S.E. 18	6	..	
8	.019	.932	67.1	83.5	85.8	66.3	62	67	86	59	N. 4	S.E. 15	..	..	0.02
9	.994	.913	66.5	83.1	84.9	65.5	61	69	84	62	N. 9	S.E. 12	..	7	
10	.983	.931	66.6	82.4	84.2	65.9	63	67	87	62	N. 8	S.E. 8	..	2	
11	.986	.928	65.3	85.6	85.6	64.8	61	68	85	58	N. 6	S. 5	..	..	
12	.018	.956	68.1	85.6	86.5	67.6	65	71	91	60	N. 2	S. 5	..	8	
13	.014	.944	68.9	84.4	84.8	68.4	65	72	91	65	N. 2	S.E. 12	..	..	
14	.972	.941	68.8	79.8	84.6	68.0	67	71	91	74	N. 4	S.E. 6	..	10	
15	.993	.953	66.8	84.2	85.8	65.1	66	66	96	55	N. 2	S. 6	..	..	0.53
16	.026	.973	69.8	79.6	83.2	67.9	66	71	82	74	E. 2	E. 8	10	10	
17	.987	.941	68.1	79.4	83.9	66.6	65	69	91	72	N. 9	N. 8	..	10	0.01
18	.954	.914	69.4	85.3	86.1	67.1	66	69	90	60	W. 4	S.E. 12	10	10	
19	.972	.890	68.2	84.5	84.8	67.8	64	65	87	53	N. 6	S.E. 20	..	1	0.05
20	.968	.902	70.1	82.3	86.0	69.8	64	69	82	66	N. 6	S.E. 20	10	10	
21	.970	.900	70.1	84.8	85.0	68.7	65	70	85	62	N. 6	S.E. 10	..	7	
22	.956	.911	67.3	79.5	83.4	66.1	62	68	84	70	N. 4	S.E. 6	..	10	
23	.970	.934	67.9	78.7	83.6	67.4	65	72	91	79	N. 7	S.E. 12	..	10	
24	.963	.963	69.2	81.3	84.3	66.1	66	71	90	70	W. 4	N. 5	10	10	
25	.017	.975	68.6	79.1	84.2	68.1	67	69	94	73	E. 2	S.E. 15	10	10	
26	.029	.960	66.1	83.1	85.5	65.4	62	70	86	66	N. 5	S.E. 15	..	2	0.05
27	.032	.969	69.7	81.8	83.9	68.4	65	71	85	70	N. 6	S.E. 13	10	6	
28	.005	.961	68.1	83.1	85.4	67.2	65	71	91	68	N. 4	S.E. 12	..	..	
29	.968	.912	68.3	82.7	84.3	68.0	65	71	89	68	N. 4	S.E. 12	..	7	
30	.960	.957	68.4	82.1	83.4	67.7	65	69	90	65	N. 3	S.E. 6	..	10	
31	.021	.984	68.1	79.2	80.7	66.6	63	69	84	71	N. 4	S.W. 5	2	9	
Mean	29.986	29.939	68.0	82.0	84.3	66.9	65	69	89	66	N. 4.5	S.E. 10.3	2.5	5.5	0.68
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

NOTE: See page 15 (Foot note) as to elevation of Instruments, etc., for Kingston.

Rainfall four-fifths of normal. Distant thunderstorm to N.E. on 1st. Intense local thunderstorm at intervals on 1st.

STATION—KINGSTON.

FEBRUARY, 1934.

Day.	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point.		Relative Humidity.		Wind Direction and Velocity. (m.p.h.)			Amount of Cloud.		Rain- fall.	
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.		
1	Ins.	Ins.	°	°	°	°	°	°	%	%							
2	.999	.952	68.1	82.6	84.3	67.1	64	69	87	62	N.	3	S.E.	20	10		
3	.006	.922	67.1	81.8	84.0	65.6	62	72	84	70	N.	8	S.E.	10	..	10	
4	.987	.961	67.9	81.9	82.9	67.1	64	68	86	64	N.	6	S.E.	8	..	9	
5	.014	.962	70.1	80.4	81.0	67.9	66	67	86	65	N.	4	E.	3	10	10	
6	.011	.941	70.9	75.6	80.8	68.2	68	72	90	88	N.	2	N.	6	10	10	0.03
7	.981	.916	69.6	81.3	82.7	68.1	66	66	88	62	E.	6	S.	6	10	10	0.51
8	.988	.957	67.5	84.1	84.2	66.5	65	67	93	58	W.	3	S.	4	10	2	
9	.021	.976	66.5	84.2	84.4	65.8	63	68	90	59	N.	4	S.E.	7	..	4	
10	.039	.977	68.2	79.9	83.9	67.2	64	70	87	73	N.	5	E.	12	2	10	
11	.033	.001	66.3	81.8	85.4	65.7	64	70	91	67	N.E.	3	S.E.	3	8	10	
12	.027	.988	70.4	77.1	84.7	68.8	68	73	93	86	N.	6	N.	5	10	10	0.06
13	.015	.949	67.0	82.2	83.5	66.3	65	71	92	69	N.	6	S.E.	13	..	..	
14	.001	.964	68.5	83.1	84.0	67.9	65	71	90	68	N.	2	S.E.	8	..	1	1.15
15	.031	.001	68.2	82.1	83.0	67.8	66	69	94	65	N.	4	N.	5	..	7	0.07
16	.027	.965	70.1	82.2	84.3	69.5	68	69	92	65	N.	4	S.E.	16	6	..	
17	.976	.920	68.1	78.1	83.4	67.4	65	70	90	76	N.	4	S.E.	18	..	10	0.33
18	.939	.883	66.5	80.9	85.7	65.6	66	70	99	70	N.	1	S.E.	9	..	3	1.40
19	.938	.894	66.2	79.8	81.2	65.3	65	70	96	71	N.	5	S.E.	4	..	10	
20	.936	.888	67.7	82.1	84.3	67.0	66	67	93	60	N.	3	S.E.	8	..	1	
21	.963	.903	67.9	83.2	83.8	66.1	63	64	86	54	N.	8	S.	8	..	..	
22	.987	.941	69.1	79.1	84.4	67.3	64	68	85	70	N.	7	S.E.	16	10	10	0.01
23	.022	.984	72.3	74.1	81.3	67.7	66	70	83	88	E.	10	S.E.	9	10	10	0.21
24	.063	.003	66.6	81.1	84.6	65.8	65	71	91	70	N.	5	S.E.	22	7	10	
25	.033	.028	67.0	76.4	84.0	66.3	65	69	91	79	W.	4	S.E.	22	..	10	
26	.028	.984	67.0	83.9	84.0	65.3	64	66	91	55	N.	6	S.E.	22	..	..	
27	.053	.016	75.1	83.9	84.4	74.3	65	69	71	61	S.E.	12	S.E.	22	..	..	
28	.096	.056	66.8	83.2	83.6	65.5	63	70	86	66	N.	2	S.E.	25	..	4	
29	.081	.025	69.5	83.1	85.1	66.9	63	69	83	61	N.W.	4	S.E.	12	10	4	
Mean	30.011	29.963	68.4	81.0	83.7	67.1	65	69	89	68	N.	4.9	S.E.	11.5	4.0	6.3	
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3.77

Rainfall six times above the normal. Distant thunderstorm to north on one day, to westward on 13th. Moderate local thunderstorm on 13th at intervals, from 6 to 8 p.m., accompanied by rain.

STATION—KINGSTON.

MARCH, 1934.

Day.	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point.		Relative Humidity.		Wind Direction and Velocity. (m.p.h.)		Amount of Cloud.		Rain- fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.
1	Ins. .080	Ins. .008	66.6	84.3	86.0	65.4	61	69	81 %	60 %	N. 4	S.E. 16	..	..	
2	.054	.973	67.5	85.5	86.3	66.8	62	66	86	54	N. 2	S.E. 7	4	9	
3	.026	.964	69.1	82.4	83.6	66.9	63	67	82	61	N.E. 2	S.E. 26	10	..	
4	.026	.963	67.1	84.1	84.1	66.0	62	64	83	51	E. 4	S.E. 16	..	7	
5	.037	.984	67.3	85.1	86.5	66.2	59	64	78	49	E. 4	S.E. 18	..	..	
6	.035	.996	66.4	81.9	84.7	65.0	60	68	82	64	N. 5	S.E. 16	..	10	
7	.056	.982	66.2	85.9	88.3	65.8	62	69	86	56	W. 3	S.E. 4	1	..	
8	.040	.000	67.9	81.6	85.1	66.6	64	68	87	64	E. 2	S.E. 6	..	10	
9	.030	.960	70.3	81.4	84.1	66.8	63	70	80	70	E. 3	S.E. 12	10	10	
10	.993	.881	67.1	83.1	84.2	66.3	64	68	90	60	N. 4	S.E. 22	..	4	
11	.942	.902	68.1	82.8	83.3	66.6	63	69	86	63	N. 4	S.E. 14	10	9	
12	.967	.938	69.9	80.8	85.5	67.4	63	69	77	67	N. 7	N. 10	10	10	
13	.966	.891	70.6	83.9	86.0	69.5	59	69	65	61	E. 4	S.E. 6	10	10	1.14
14	.921	.866	67.4	81.9	82.6	66.1	65	68	95	65	W. 2	S.E. 14	..	10	0.03
15	.927	.879	70.0	82.8	83.2	68.1	67	67	89	58	N. 9	S.E. 6	10	10	
16	.941	.918	69.1	82.9	83.9	69.1	67	71	94	68	N. 8	S.E. 14	..	..	
17	.012	.999	71.3	83.1	83.8	69.2	67	70	87	67	E. 4	S.E. 18	4	..	
18	.023	.967	71.4	75.1	82.0	69.3	67	71	87	89	N. 7	S.E. 10	10	10	0.01
19	.964	.934	69.6	78.1	82.4	68.0	68	71	92	79	W. 3	S.E. 6	..	10	
20	.949	.926	67.6	83.9	83.9	64.8	59	68	73	59	E. 4	S. 8	..	1	
21	.954	.908	69.1	85.4	85.8	65.9	61	68	75	56	N. 6	S. 7	..	10	
22	.977	.883	70.9	83.1	85.0	68.3	66	68	84	60	E. 8	S. 6	10	10	
23	.936	.883	70.8	84.9	84.9	67.3	64	69	78	57	N. 8	S. 6	9	4	
24	.935	.875	70.7	85.0	86.8	66.2	64	66	77	52	N. 4	S. 6	10	2	
25	.932	.922	68.2	80.9	85.1	66.1	63	71	85	71	E. 2	S.E. 10	..	10	0.10
26	.961	.935	69.4	80.5	83.0	66.8	66	69	90	69	N. 2	S.E. 12	..	10	
27	.953	.912	69.1	78.8	86.2	66.7	63	68	82	68	N. 2	S. 4	3	10	
28	.924	.882	69.2	78.5	83.5	66.3	67	66	92	68	N. 2	E. 8	10	10	
29	.927	.878	70.1	84.9	85.1	67.7	67	71	91	63	N. 2	S.E. 6	..	8	0.16
30	.972	.920	70.6	83.6	85.0	69.6	70	70	98	62	N. 2	S.E. 9	1	1	
31	.988	.947	69.6	84.6	85.0	66.1	63	70	78	61	N.E. 6	S.E. 10	..	..	
Mean	29.983	29.931	69.0	82.6	84.7	67.0	64	68	84	63	N.N.E. 4	S.E. 9.3	4	6.3	
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.44

Rainfall over 50% above normal. Distant thunderstorm to westward on 12th and to northward on 13th.

STATION—KINGSTON.

APRIL, 1934.

Day.	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point. Fah.		Relative Humidity.		Wind Direction and Velocity (m.p.h.)			Amount of Cloud.		Rain- fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.	
	Ins.	Ins.	°	°	°	°	°	°	%	%						
1	.012	.971	70.7	83.8	85.6	69.3	65	70	82	61	N.	6	S.E. 20	10	6	
2	.033	.984	72.1	81.5	85.0	69.4	66	70	83	69	N.	4	S.E. 20	8	10	0.01
3	.980	.903	70.3	80.3	83.5	68.1	66	70	88	72	N.	4	S.E. 20	1	10	0.09
4	.925	.872	70.6	76.3	83.6	67.1	69	73	92	90	N.	3	S.E. 10	10	10	0.02
5	.899	.887	71.3	75.5	83.5	67.1	65	69	81	81	E.	3	W. 6	..	10	0.02
6	.953	.910	71.4	75.1	84.2	66.8	66	71	86	86	N.	4	W. 2	5	10	0.04
7	.971	.931	73.0	82.1	84.2	68.1	68	70	82	67	N.	7	N. 10	..	8	
8	.965	.936	72.1	79.3	84.5	68.3	67	70	84	74	N.	6	S.E. 15	3	..	
9	.948	.876	71.3	83.1	84.8	68.1	67	69	87	63	N.	5	S.E. 21	..	10	
10	.937	.876	73.1	83.1	85.0	69.4	68	72	86	70	N.	4	S.E. 16	..	7	
11	.932	.842	74.6	83.1	84.7	70.6	70	72	84	70	N.	4	S.E. 15	..	10	
12	.856	.818	73.4	82.3	85.0	69.1	69	71	88	69	W.	2	S.E. 10	10	10	0.17
13	.863	.841	72.1	83.3	85.2	68.3	69	74	90	73	N.	2	S.E. 9	4	10	
14	.915	.877	74.8	84.6	85.1	68.3	70	73	83	67	W.	5	S.E. 21	8	..	
15	.963	.914	75.1	86.1	88.0	71.4	71	69	87	57	N.	3	S.E. 19	3	..	
16	.932	.897	78.8	85.0	86.0	71.3	68	70	69	61	S.E.	15	S. 15	4	..	
17	.963	.930	75.2	84.1	85.5	69.3	67	70	77	64	N.	7	S.E. 25	..	..	
18	.997	.949	74.7	83.5	85.0	69.8	64	69	69	63	N.	5	S.E. 28	..	7	
19	.018	.953	73.1	81.2	84.6	68.8	67	71	81	73	N.	4	S.E. 18	..	6	
20	.989	.914	73.2	82.3	84.9	67.7	65	70	77	67	N.	5	S.E. 22	..	8	
21	.966	.881	73.9	83.6	85.2	69.1	65	73	75	68	N.	4	S.E. 24	3	..	
22	.983	.921	76.1	83.3	85.3	70.8	68	70	78	64	N.	3	S.E. 22	..	10	
23	.986	.904	74.4	84.1	85.9	69.1	67	69	79	62	N.	2	S.E. 21	..	..	
24	.954	.886	75.1	84.6	85.8	68.9	64	72	69	65	N.	6	S.E. 17	..	2	
25	.954	.901	73.9	83.1	85.8	69.1	66	72	78	70	N.	4	S.E. 15	3	8	
26	.966	.897	75.1	81.9	85.4	68.4	66	73	75	74	N.	5	S.E. 16	..	7	
27	.967	.915	75.1	84.3	85.9	69.6	68	70	79	62	S.E.	2	S.E. 15	..	..	
28	.987	.947	74.8	79.5	86.1	69.2	66	72	74	81	N.	4	S.E. 12	..	10	0.02
29	.982	.936	76.9	83.3	85.8	69.1	68	73	76	71	N.	5	S. 12	..	10	
30	.964	.910	73.6	85.6	86.8	70.6	69	74	87	67	N.	2	S. 10	10	10	
Mean	29.959	29.906	73.7	82.3	85.2	69.0	67	71	81	69	N.	4.5	S.E. 16.2	2.7	6.3	
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.37

Rainfall below normal. Distant rain was observed to northward on 9 days, to north-east on 3, to eastward on 2 and to south-east and south-west on one day each.

STATION—KINGSTON.

MAY, 1934.

Day.	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point.		Relative Humidity.		Wind Direction and Velocity. (m.p.h.)		Amount of Cloud.		Rain- fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.
1	Ins. .923	Ins. .898	76.4	77.1	83.4	75.0	71	71	84	82	N.	2 S.E.	7	10	0.68
2	.917	.880	74.4	83.6	84.6	70.1	71	72	90	69	N.	4 S.E.	15	2	
3	.970	.915	76.1	84.6	85.4	70.7	70	73	82	69	N.	2 S.E.	24	5	
4	.988	.920	76.5	84.5	85.8	71.1	68	72	75	69	N.	4 S.E.	20	10	
5	.961	.930	75.5	76.8	85.4	70.3	68	74	79	86	N.	4 N.	8	10	
6	.938	.899	75.1	80.4	84.8	71.1	71	70	87	73	N.	1 S.E.	11	3	1.22
7	.925	.891	76.1	80.2	86.3	69.4	68	72	78	77	N.	5 N.	12	10	
8	.972	.901	74.1	84.5	86.0	68.5	69	72	84	67	N.	6 S.E.	18	2	
9	.971	.910	76.7	86.0	86.9	71.1	70	74	80	67	N.	5 S.E.	14	10	
10	.932	.902	77.1	80.4	85.5	72.1	72	72	85	77	N.	3 S.E.	14	3	
11	.918	.852	75.6	81.4	86.0	70.7	72	72	86	76	N.E.	2 S.E.	13	10	
12	.887	.847	75.9	83.9	86.0	69.9	67	72	76	67	N.E.	3 S.E.	16	9	
13	.945	.903	78.4	85.1	85.4	71.7	70	73	76	68	N.	3 S.E.	14	3	0.02
14	.978	.950	77.1	79.9	85.2	73.5	72	73	84	79	N.E.	4 S.E.	15	4	
15	.982	.942	77.2	81.8	85.6	72.9	70	73	80	73	S.E.	5 S.E.	22	8	
16	.958	.929	79.5	83.3	86.2	74.6	68	72	69	70	S.E.	12 S.E.	20	9	
17	.946	.900	80.7	84.6	86.2	74.6	70	73	69	66	S.E.	13 S.E.	22	1	
18	.975	.926	76.3	82.8	85.4	69.2	67	71	76	67	S.E.	11 S.E.	18	10	
19	.967	.884	76.1	85.4	86.7	70.4	70	71	82	63	N.	2 S.E.	20	4	
20	.941	.884	80.5	85.5	86.9	72.7	70	73	74	67	N.	3 S.E.	8	9	6
21	.909	.892	81.1	85.2	86.4	74.3	71	73	72	66	S.E.	7 S.E.	16	10	
22	.932	.890	81.7	86.0	86.1	75.4	72	73	72	65	S.E.	12 S.E.	12	10	
23	.942	.891	78.1	81.9	87.0	71.2	70	72	76	71	N.	4 S.E.	10	10	
24	.882	.835	77.9	82.8	87.0	71.8	71	73	80	71	N.	1 S.E.	6	10	
25	.835	.784	79.8	84.1	86.9	73.3	72	74	75	72	N.	4 S.E.	8	10	
26	.822	.806	82.1	85.2	86.3	73.5	71	71	70	64	S.E.	6 S.E.	11	1	
27	.882	.851	82.6	86.2	87.0	72.1	70	75	66	68	S.E.	11 S.E.	17	4	
28	.873	.872	77.8	85.8	87.3	73.8	72	75	82	70	S.E.	7 S.E.	17	9	10
29	.859	.855	83.3	85.2	87.0	77.7	72	73	70	68	S.E.	14 S.E.	20	10	0.01
30	.881	.858	80.1	85.6	87.0	77.9	72	73	77	65	S.E.	12 S.E.	18	10	
31	.920	.898	81.9	84.9	85.9	76.8	70	69	67	57	S.E.	16 S.E.	15	10	
Mean	29.927	29.887	78.1	83.4	86.1	72.5	70	72	78	70	E.S.E. 6.1	S.E. 14.9	3.4	6.9	
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.93

The rainfall was again deficient, showing less than one-half of the 60-year normal of 4.02 ins.



STATION—KINGSTON.

JUNE, 1934.

Day.	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point.		Relative Humidity		Wind Direction and Velocity. (m.p.h.)			Amount of Cloud.		Rain- fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.	
1	Ins. .918	Ins. .909	79.1	82.1	87.5	73.2	68	71	70	70	N.E. 3	S.E. 18	7	10		
2	.925	.902	80.5	85.6	87.1	75.9	69	72	69	62	S.E. 12	S.E. 22	10	8		
3	.967	.907	82.1	86.1	88.5	76.6	70	70	68	59	S.E. 13	S.E. 24	10	10		
4	.947	.911	79.8	84.5	89.2	73.4	69	72	69	65	S.E. 6	S.E. 23	6	10		
5	.898	.851	79.3	84.4	86.2	74.4	69	69	73	61	S.E. 10	S.E. 12	10	10		
6	.883	.851	74.6	85.8	88.5	71.8	66	75	71	70	N.E. 4	S.E. 22	10	10		
7	.884	.892	78.6	83.8	86.5	75.3	71	75	76	73	S.E. 12	S.E. 20	10	10	0.23	
8	.920	.891	75.3	84.6	85.6	72.2	72	73	90	67	N. 3	S.E. 16	10	10	0.01	
9	.914	.893	78.3	80.1	88.3	75.6	71	74	78	83	S.E. 10	S.E. 12	10	10		
10	.922	.860	78.1	85.2	87.4	71.7	71	73	78	68	N.W. 3	S.E. 25	10	10		
11	.898	.868	79.6	82.6	87.6	72.3	70	74	73	73	N. 6	S.E. 20	9	9		
12	.911	.929	81.8	84.2	87.5	76.6	71	74	69	73	S.E. 15	S.E. 16	9	9	0.01	
13	.935	.926	81.7	86.2	87.6	78.3	73	74	74	68	S.E. 14	S.E. 17	4	..		
14	.929	.894	82.1	85.3	86.7	78.6	72	73	71	68	S.E. 16	S.E. 18	8	10		
15	.910	.885	82.6	87.8	87.8	79.0	72	76	70	67	S.E. 14	S.E. 17	7	6		
16	.925	.917	83.2	87.2	88.0	78.8	71	74	67	66	S.E. 13	S.E. 16	8	..		
17	.985	.949	82.3	87.1	88.6	75.0	69	73	64	64	S.E. 5	S.E. 23	8	10		
18	.995	.989	77.1	80.5	88.0	72.7	68	74	74	83	N.W. 2	S.E. 6	3	10	0.03	
19	.951	.929	77.6	80.1	87.2	73.6	71	71	80	74	N. 3	S.E. 12	..	10		
20	.927	.898	74.2	86.9	87.8	72.3	70	72	88	62	N. 2	S.E. 10	4	10	0.30	
21	.939	.918	75.9	85.9	86.6	72.7	72	71	88	62	E. 3	S.E. 17	4	..		
22	.972	.932	77.3	87.0	89.0	70.6	68	72	73	60	N.E. 4	S.E. 25	..	..		
23	.985	.923	79.1	87.4	88.0	72.4	70	70	74	58	N.E. 4	S.E. 24	..	10		
24	.976	.941	79.2	88.1	89.2	74.1	71	74	76	64	N. 5	S.E. 20	5	2		
25	.973	.944	77.2	82.1	89.6	71.8	67	71	71	68	N. 4	N.E. 6	..	10		
26	.938	.905	76.7	84.6	88.5	71.6	69	73	77	67	N. 3	S.E. 27	..	9	0.03	
27	.959	.914	75.1	89.1	90.6	69.4	67	72	78	58	N.E. 5	S.E. 24	..	..		
28	.976	.940	78.8	88.8	91.7	74.1	71	76	75	65	N. 4	S.E. 25	..	1		
29	.996	.949	79.6	86.1	89.0	74.3	71	75	74	69	N.E. 3	S.E. 20	..	10		
30	.973	.900	78.5	85.6	88.5	73.6	71	73	80	66	N. 2	S.E. 28	..	7		
Mean	29.941	29.911	78.8	85.2	88.1	74.1	70	73	75	67	S.E. 6.8	S.E. 18.8	5.1	7.4		
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.61	

The rainfall was again very deficient, being only one-sixth of the 60-year normal.

STATION—KINGSTON.

JULY, 1934.

Day.	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point. Fah.		Relative Humidity.		Wind Direction and Velocity (m.p.h.)			Amount of Cloud.		Rain- fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.	
1	Ins. 976	Ins. 905	78.4	87.2	90.2	70.9	66	72	67	62	N.	4	S.E.	25	..	10
2	.954	.958	78.9	83.1	90.2	73.2	69	73	72	73	N.E.	5	S.E.	14	..	10
3	.997	.972	78.1	87.1	89.0	73.6	71	72	78	61	N.E.	6	S.E.	20	..	10
4	.001	.950	76.3	83.5	88.8	73.8	67	74	72	75	N.	5	S.E.	18	..	10
5	.960	.930	77.5	77.3	88.0	72.1	68	76	76	94	N.	4	N.	5	..	10
6	.930	.885	75.5	83.4	87.9	70.5	68	74	80	74	E.	6	S.E.	24	10	10
7	.934	.919	80.5	83.2	87.1	74.5	71	74	74	73	S.E.	12	S.E.	17	9	10
8	.943	.915	76.6	85.1	88.2	73.8	73	74	88	70	N.	3	S.E.	12	10	10
9	.955	.919	75.1	83.6	88.0	72.1	70	75	84	74	N.	2	S.E.	14	10	10
10	.952	.917	74.2	88.6	89.6	72.5	67	71	79	56	N.	2	S.E.	26	10	5
11	.994	.942	80.6	89.6	90.4	73.9	70	69	69	51	S.E.	12	S.E.	26	..	..
12	.004	.943	77.3	87.4	88.6	71.8	65	73	67	64	N.W.	3	S.E.	18	..	4
13	.960	.914	76.1	88.1	89.7	72.1	68	74	78	64	N.	5	S.E.	20	10	10
14	.964	.933	76.4	88.6	89.2	74.2	67	76	84	66	N.	3	S.E.	20	10	10
15	.011	.983	78.1	87.2	88.8	73.1	72	74	82	67	N.	1	S.E.	21	..	6
16	.016	.984	77.4	83.6	89.5	74.0	70	75	80	75	N.	2	S.E.	13	..	10
17	.989	.914	76.9	86.0	87.8	73.8	72	74	83	67	N.W.	2	S.E.	18	2	10
18	.942	.903	77.2	88.9	89.8	71.7	69	71	77	54	N.W.	4	S.E.	20	..	10
19	.968	.937	78.1	85.1	91.2	73.1	69	74	73	70	N.	4	S.E.	22	..	10
20	.974	.895	77.5	88.5	88.7	73.5	70	71	80	57	N.	2	S.E.	20	..	..
21	.932	.923	80.1	84.5	90.7	74.8	69	70	68	63	N.	7	E.	9	..	10
22	.945	.920	78.4	86.0	90.2	74.5	71	73	80	65	N.	1	S.E.	20	10	10
23	.940	.950	79.1	84.1	89.3	74.3	70	72	74	68	N.W.	4	S.E.	13	1	10
24	.940	.907	74.1	81.2	86.3	73.3	69	77	83	86	N.W.	3	S.E.	18	7	10
25	.918	.903	74.1	76.8	87.5	70.3	67	75	79	94	N.	4	N.	6	..	10
26	.906	.915	74.6	81.9	87.0	71.3	71	76	85	81	N.	3	N.	4	..	10
27	.961	.973	78.7	89.3	89.8	73.1	72	70	80	53	S.E.	9	S.E.	17	1	..
28	.024	.977	77.6	88.1	90.9	72.5	68	74	71	65	N.	6	S.E.	20	..	10
29	.974	.916	79.4	88.6	90.5	73.7	68	73	70	60	S.E.	5	S.E.	20	6	1
30	.979	.920	78.8	90.5	92.6	73.4	68	73	68	57	N.	6	S.E.	18	..	5
31	.967	.920	78.6	87.5	89.5	73.1	70	75	74	67	N.	3	S.E.	16	..	7
Mean	29.964	29.930	77.4	85.6	89.2	73.0	69	73	77	68	N.E. 4.5	S.E. 17.2	3.1	8.0	..	..
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0.85

Rainfall one-half of the 60-year normal. Distant rain was observed to northward on 9 days, to N.E. on 3 days, to S.E. on 3 days, to west on 3 days and to N.W. on one day.

STATION—KINGSTON.

AUGUST, 1934.

Day.	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point.		Relative Humidity.		Wind Direction and Velocity. (m.p.h.)		Amount of Cloud.		Rain- fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.
1	Ins. 953	Ins. 914	80.6	85.4	89.8	74.2	71	74	70	71	E. 7	S.E. 17	..	10	
2	978	975	78.5	83.6	89.8	74.3	69	71	74	64	N. 4	N. 8	..	10	
3	914	955	78.3	87.8	89.2	74.7	69	75	74	65	N. 4	S.E. 24	10	..	
4	974	919	79.6	88.0	91.3	74.3	69	76	71	69	N. 2	S.E. 20	7	10	
5	947	925	79.8	81.6	89.6	69.6	74	75	82	79	N. 3	S.E. 15	10	10	0.07
6	980	973	75.6	88.1	88.7	70.2	73	74	91	65	N. 4	S.E. 20	2	10	
7	983	965	77.1	87.1	88.8	73.9	73	75	89	68	N. 2	S.E. 16	..	10	
8	953	924	75.6	85.2	87.3	74.8	73	73	90	67	N. 3	S.E. 15	10	7	
9	973	918	78.1	88.6	91.2	73.8	70	77	76	67	N. 7	S.E. 24	..	1	
10	978	937	79.1	88.1	89.8	74.5	70	76	74	67	N.W. 3	S.E. 26	..	10	
11	970	934	78.6	90.1	90.7	74.5	70	68	76	48	E. 10	S.E. 24	..	1	
12	993	951	76.9	86.5	88.4	74.3	69	74	78	69	N.E. 3	S.E. 20	2	9	
13	997	952	77.8	85.2	90.3	73.0	69	76	74	74	N. 6	S.E. 21	..	4	
14	983	910	74.9	84.9	89.1	73.8	69	71	82	64	N. 4	S.E. 20	1	10	
15	977	950	77.4	79.4	88.0	74.0	69	72	77	79	N. 4	N. 4	..	10	0.03
16	983	959	75.4	84.6	88.3	70.8	69	74	81	70	N. 4	S.E. 14	..	10	
17	990	937	77.3	88.1	91.5	71.5	66	74	69	64	N. 7	S.E. 25	..	6	
18	916	977	75.8	88.3	89.8	72.3	67	72	74	60	N. 6	S.E. 19	..	10	
19	908	954	80.1	92.1	93.0	75.4	71	73	74	53	S.E. 2	S.E. 20	..	..	
20	985	941	78.5	87.4	89.1	73.9	71	75	80	68	S.E. 2	S.E. 20	..	3	
21	965	964	76.1	76.9	88.6	73.2	69	73	79	85	N. 3	N. 9	..	10	0.39
22	924	869	74.4	83.9	87.5	69.9	69	69	84	60	N. 3	S.E. 6	..	10	
23	890	864	76.1	83.4	87.6	71.9	69	73	79	72	N. 6	S.E. 12	5	10	
24	939	885	74.2	87.8	89.1	72.9	71	73	89	61	N.E. 5	S.E. 15	10	10	
25	906	891	77.3	76.4	88.2	76.1	71	72	82	89	N. 5	N. 6	10	10	0.56
26	908	889	74.1	75.9	81.1	72.1	72	74	95	93	S.E. 14	E. 5	10	10	2.44
27	903	916	77.8	78.8	82.0	72.4	75	75	91	88	S.E. 16	S.E. 8	10	10	0.59
28	924	910	77.6	86.8	86.8	71.6	71	76	80	68	S.E. 12	S.E. 16	4	4	
29	940	891	78.8	88.4	88.7	72.3	72	75	79	65	W. 3	S.E. 8	10	..	
30	924	851	75.6	87.1	88.1	72.8	70	76	81	69	N. 4	S.E. 23	..	..	
31	949	862	76.1	90.3	90.6	72.7	68	73	84	59	N. 4	S.E. 4	3	10	
Mean	29.961	29.925	77.2	85.3	88.8	73.1	70	74	80	69	N.E. 5.2	S.E. 15.8	3.4	7.3	
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4.98

Rainfall 40% above normal. Distant rain was observed to northward on 9 days, to N.E. on 2 days and to N.W. on 2 days.

STATION—KINGSTON.

SEPTEMBER, 1934.

Day.	Barometer 29 or 30 ins.		Air Temperature.				Dew Point.		Relative Humidity.		Wind Direction and Velocity. (m.p.h.)			Amount of Cloud.		Rain- fall.
			Fah.													Ins.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.
1	Ins. .918	Ins. .868	77.4	85.3	87.6	76.1	72	76	85	73	N.	3 S.E.	18	10	10	
2	.909	.879	78.1	86.4	88.8	73.4	73	75	84	68	N.W.	3 S.E.	18	..	2	
3	.912	.885	74.9	88.1	88.8	72.8	68	78	79	69	N.	6 S.E.	20	7	9	
4	.927	.906	76.5	79.5	89.3	73.7	72	73	85	82	N.	2 N.	5	3	10	
5	.911	.903	74.6	83.9	88.4	71.6	70	74	83	73	N.	4 S.E.	10	..	7	
6	.889	.874	75.1	78.1	87.2	72.4	70	73	83	85	N.	3 N.E.	8	2	10	0.16
7	.914	.850	73.1	85.6	87.0	71.1	71	71	91	62	N.	3 S.E.	15	8	10	
8	.914	.900	76.7	82.8	88.7	71.9	69	67	78	58	N.	2 S.E.	17	..	10	0.04
9	.934	.868	73.3	89.3	89.6	72.6	70	71	89	58	N.	6 S.E.	20	7	8	
10	.945	.940	78.2	75.1	88.1	74.1	71	72	78	89	N.	4 S.E.	8	..	10	0.23
11	.926	.874	74.6	84.3	89.1	71.2	71	75	85	76	N.E.	3 S.	10	10	10	0.58
12	.880	.868	76.1	73.1	86.7	72.6	72	70	87	90	N.	5 N.	13	7	10	0.18
13	.870	.817	73.9	86.7	87.0	71.8	72	75	95	69	W.	2 S.E.	14	10	3	
14	.890	.858	75.9	87.8	88.2	73.1	71	76	85	68	N.	4 S.E.	15	..	..	
15	.951	.882	77.3	88.3	89.8	72.9	70	74	79	64	N.	6 S.E.	18	..	4	
16	.920	.888	76.1	82.8	89.5	73.1	70	77	82	82	N.	4 N.W.	5	..	10	0.19
17	.872	.838	76.3	85.3	87.1	73.2	73	75	91	72	N.	4 S.E.	10	..	10	0.04
18	.909	.840	77.3	84.5	88.1	73.6	73	72	87	69	N.	4 S.E.	10	10	10	1.34
19	.903	.834	73.5	86.9	87.5	70.9	71	75	93	68	N.	5 S.E.	15	4	9	
20	.900	.835	74.6	88.1	88.7	73.1	71	74	88	62	N.	4 S.E.	16	..	6	
21	.877	.816	76.1	89.5	89.6	73.0	70	77	82	64	N.	5 S.E.	22	..	1	
22	.944	.892	76.1	87.7	88.5	73.6	72	76	86	67	N.	2 S.E.	16	..	3	
23	.961	.904	75.1	86.8	90.5	72.9	69	76	83	71	N.W.	2 S.E.	11	..	10	
24	.924	.902	76.8	83.2	86.8	75.7	73	74	88	76	N.W.	2 S.W.	3	10	10	0.02
25	.890	.859	75.1	81.6	87.8	73.6	71	74	86	77	N.	3 S.E.	13	10	10	
26	.890	.845	74.6	85.3	85.3	72.3	71	76	85	73	N.	4 S.E.	20	10	4	
27	.937	.874	76.1	86.2	88.9	72.8	71	75	84	71	N.	4 S.E.	12	4	10	
28	.908	.839	74.6	84.1	87.1	73.1	71	75	87	73	N.W.	2 W.	8	10	10	
29	.892	.855	75.4	85.8	89.2	72.2	70	75	83	70	N.	3 S.E.	20	1	7	0.03
30	.916	.873	76.8	86.6	88.7	73.8	72	76	85	70	S.E.	7 S.E.	15	..	10	
Mean	29.911	29.869	75.7	84.6	88.2	72.9	71	74	85	72	N.	3.7 S.E.	13.5	4.1	7.8	
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2.81

Rainfall about 20% below normal. Distant rain observed to northward on 13 days, to N.E. on 3, to S.E. on one and to west and north-west on 4 days each.

STATION—KINGSTON.

OCTOBER, 1934.

Day.	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point. Fah.		Relative Humidity.		Wind Direction and Velocity (m.p.h.)		Amount of Cloud.		Rain- fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.
1	Ins. 874	Ins. 850	76.2	75.6	88.7	74.1	71	73	84	91	N. 4	N.W. 6	2	10	0.18
2	870	830	75.1	82.5	83.4	73.1	71	73	88	74	Calm	S.E.	8	10	0.02
3	860	815	74.9	84.4	88.6	72.1	71	74	86	73	N.W. 3	S.E.	8	2	10
4	841	819	76.1	82.9	87.0	73.1	72	75	87	77	N.W. 2	S.	7	2	10
5	877	848	74.5	85.4	86.9	71.6	72	74	92	70	N. 2	S.E.	12	10	0.11
6	930	915	74.5	83.9	85.3	74.3	72	71	93	64	N.W. 4	S.E.	16	10	10
7	941	921	76.9	82.8	87.0	75.2	71	75	82	76	N. 6	S.E.	12	10	10
8	955	901	73.5	81.7	87.6	71.1	68	76	85	82	N.W. 4	S.E.	15	10	10
9	933	890	74.8	82.9	87.8	71.9	69	76	81	79	N. 5	S.E.	11	8	9
10	934	860	75.6	87.6	90.7	72.1	69	75	80	67	N. 7	S.E.	20	10	10
11	913	835	76.9	85.6	89.0	73.9	72	76	83	72	N.W. 4	S.E.	12	3	10
12	859	784	73.6	87.2	87.2	71.3	71	74	91	65	N. 3	S.E.	10	8	10
13	839	810	74.1	87.9	87.9	71.2	70	74	88	63	N. 4	S.E.	6	10	10
14	871	844	74.8	81.3	89.0	72.8	71	78	88	91	N. 4	S.E.	9	10	0.50
15	862	799	74.4	87.1	88.2	72.1	71	76	89	69	N. 5	S.E.	17	10	10
16	894	818	74.9	87.8	88.2	71.4	69	74	82	63	N. 7	S.E.	16	10	10
17	899	841	74.7	81.9	87.8	74.7	69	73	81	76	N. 6	N.W.	6	10	0.06
18	885	802	73.8	79.0	80.2	73.3	69	67	87	66	N. 4	S.E.	17	10	1.49
19	794	719	71.6	80.6	81.5	68.9	71	72	98	75	E. 5	S.E.	18	10	0.90
20	780	746	74.3	85.0	86.0	73.5	72	75	96	71	S.E. 7	S.	10	10	0.03
21	859	830	76.6	85.6	86.2	73.8	75	75	93	70	S. 3	S.	6	10	10
22	872	808	74.1	86.6	86.7	72.1	70	76	88	69	N.E. 2	S.E.	7	10	10
23	859	780	75.1	86.9	87.0	73.3	72	76	90	70	N.E. 1	S.E.	11	7	4
24	833	809	75.1	75.6	86.5	73.5	71	75	87	97	N. 4	N.	4	4	10
25	878	852	72.4	86.1	86.8	69.6	69	73	89	66	N. 5	S.E.	8	8	10
26	935	904	74.2	86.8	88.2	71.7	69	75	85	67	N. 3	S.E.	16	3	10
27	958	884	74.8	87.2	89.0	72.9	71	74	86	66	N. 4	S.E.	16	2	10
28	961	901	76.7	81.1	89.0	73.9	72	72	83	75	N. 7	N.	10	10	10
29	939	929	74.6	81.6	87.1	72.1	70	73	84	73	N. 6	S.E.	18	10	10
30	993	931	72.3	90.9	92.2	70.9	64	72	76	56	N. 6	S.E.	15	3	6
31	1000	927	75.1	81.7	88.4	72.8	70	75	83	80	N. 5	N.	11	4	10
Mean	29.893	29.845	74.7	84.0	87.3	72.5	70	74	87	73	N. 4.4	S.E. 11.2	5.1	7.0	
Total															3.72

Rainfall about one-half of normal. Distant rain was observed to northward or on the Liguanea Plains almost daily, to N.E. on 4 days, to E. on 3 days and to W. and N.W. on 2 days each.

STATION—KINGSTON.

NOVEMBER, 1934.

Day.	Barometer 29 or 30 ins.		Air Temperature. Fah.				Dew Point.		Relative Humidity.		Wind Direction and Velocity. (m.p.h.)				Amount of Cloud.		Rain- fall.
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ina.
	Ins.	Ins.							%	%							
1	.938	.878	73.1	87.6	88.0	71.8	68	74	86	63	N.	4	S.E.	12	..	4	
2	.920	.835	74.1	87.1	89.0	72.4	69	74	83	66	N.	5	S.E.	18	..	10	
3	.902	.836	73.6	87.4	88.1	72.3	69	72	86	63	N.		S.E.	20	..	2	
4	.939	.870	74.5	87.1	88.4	72.2	69	73	83	65	N.	6	S.E.	16	..	..	
5	.965	.875	72.2	86.8	88.6	70.8	68	72	86	62	N.	6	S.E.	12	..	10	
6	.920	.868	74.6	85.2	86.2	71.6	70	70	83	62	N.	5	S.E.	6	8	10	
7	.882	.825	71.4	84.5	86.5	69.8	67	66	88	59	N.	4	S.	6	..	10	
8	.878	.837	71.9	86.3	87.8	69.7	64	73	77	66	N.	4	S.E.	15	..	2	
9	.929	.915	73.1	83.9	89.6	71.9	66	75	78	74	N.	6	S.E.	9	..	10	0.09
10	.952	.881	73.1	80.1	88.6	71.2	68	74	84	82	N.E.	4	N.	6	3	10	
11	.902	.826	73.8	83.9	87.4	72.8	70	74	88	72	N.	2	N.	9	10	10	
12	.855	.832	74.1	79.8	87.0	71.3	69	73	85	79	N.	7	W.	6	7	10	0.20
13	.881	.860	73.2	76.1	82.0	72.5	68	74	84	93	N.	3	S.E.	3	10	10	.072
14	.880	.828	71.8	77.9	84.3	70.6	68	73	88	85	N.	4	S.E.	10	10	10	0.09
15	.895	.840	72.9	79.6	85.0	71.2	70	75	91	83	M.W.	4	S.E.	1	6	10	0.10
16	.898	.884	74.1	77.5	83.3	72.6	70	75	88	93	N.E.	4	N.	4	10	10	1.02
17	.902	.850	71.6	80.0	85.1	70.3	70	75	95	83	N.	6	N.	6	10	10	1.61
18	.921	.870	71.8	84.6	85.3	70.6	71	74	96	70	N.	4	N.	4	10	9	0.20
19	.920	.824	72.3	82.8	86.0	71.8	71	74	96	73	N.	5	S.	2	10	10	0.03
20	.849	.846	73.1	80.3	84.0	71.1	70	73	90	79	N.W.	2	N.W.	6	..	..	
21	.875	.812	69.5	86.1	86.0	67.8	66	71	90	62	N.W.	2	S.	6	..	..	
22	.877	.822	69.0	84.8	85.0	66.7	67	67	94	55	N.	2	S.	6	8	8	
23	.876	.812	69.2	86.9	86.9	67.3	64	69	85	54	N.W.	5	N.W.	12	..	7	
24	.872	.824	68.6	83.7	84.4	67.3	63	68	79	59	N.E.	7	S.	5	..	..	
25	.889	.831	71.3	84.4	86.3	68.3	66	68	85	59	N.	9	S.E.	7	10	..	
26	.851	.798	67.5	83.6	83.9	65.8	62	67	83	58	N.E.	3	S.	6	..	5	
27	.813	.766	67.4	81.3	82.8	67.8	61	65	82	58	N.	7	S.	4	..	4	
28	.790	.729	70.6	84.2	84.6	69.7	66	69	85	61	N.	7	S.E.	6	..	..	
29	.771	.715	74.1	84.5	85.7	69.6	69	71	83	64	N.	8	S.E.	5	..	10	
30	.829	.808	74.1	84.3	86.1	73.1	71	75	91	74	N.E.	3	S.E.	16	..	..	
Mean	29.886	29.833	72.1	83.4	86.1	70.4	68	72	86	69	N.	4.7	S.E.	8.1	..	6.4	
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4.06

Rainfall about 40% above normal. Distant rain observed to northward on 7 days, to N.E. on 8 days, to E. on 2 and to northwestward on 3.

STATION—KINGSTON.

DECEMBER, 1934.

Day.	Barometer 29 or 30 ins.		Air Temperature.				Dew Point.		Relative Humidity.		Wind Direction and Velocity. (m.p.h.)		Amount of Cloud.		Rain- fall.	
			Fah.													
	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Max.	Min.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	7 a.m.	3 p.m.	Ins.	
1	Ins. 954	Ins. 923	73.4	85.9	86.4	72.3	67	73	81	61	S.E.	7	S.E.	14	8	6
2	981	922	73.7	86.6	87.2	73.1	70	71	88	59	N.W.	4	S.E.	18	2	2
3	996	919	71.1	90.1	90.8	69.8	65	71	80	54	N.	7	N.W.	9	..	4
4	969	860	69.4	87.6	87.8	68.1	64	70	85	56	N.	4	S.	8	..	..
5	938	881	74.9	85.0	87.5	72.1	71	73	87	66	N.	2	N.W.	4	10	10
6	935	865	72.4	86.0	87.4	71.3	67	71	85	61	N.	6	S.E.	14	6	4
7	877	843	73.4	82.1	84.9	72.8	67	73	82	75	N.	4	S.E.	14	10	10
8	881	839	72.6	82.4	86.0	70.6	71	73	92	75	N.	9	S.E.	12	7	10
9	922	877	73.1	83.9	85.4	71.2	70	75	88	74	N.	7	S.E.	5	10	10
10	931	894	73.8	78.6	84.5	72.3	72	75	91	89	N.	3	E.	10	10	10
11	914	868	74.8	81.6	85.0	73.7	71	76	88	82	N.E.	4	S.	4	10	10
12	932	933	71.2	72.6	75.3	70.1	65	61	80	65	N.	18	N.	22	8	10
13	985	947	69.2	79.1	80.2	66.4	64	68	84	71	N.	6	S.W.	5	10	10
14	977	938	71.8	80.5	83.3	69.9	67	69	85	66	N.	6	S.	5	10	10
15	984	935	68.8	87.0	87.1	67.1	66	71	91	58	N.E.	5	N.W.	12	..	..
16	921	964	68.1	86.6	86.9	67.1	66	71	92	54	N.	5	N.W.	7	..	3
17	906	924	70.3	85.3	85.9	69.6	66	68	78	56	N.	7	S.	5	..	..
18	962	903	69.8	84.6	85.5	69.1	65	72	84	65	N.E.	6	S.E.	6	2	2
19	978	917	70.5	84.6	85.6	69.1	63	72	81	65	N.	7	S.E.	15	..	..
20	998	922	69.9	85.6	87.0	68.6	64	71	82	60	N.E.	4	S.E.	12	1	..
21	923	930	74.1	85.1	87.3	72.5	68	69	81	60	N.	4	S.E.	14	10	..
22	986	925	68.9	87.9	88.2	68.4	63	67	83	50	N.	5	S.E.	10	..	..
23	990	921	69.1	88.1	88.1	68.6	66	69	89	66	N.E.	3	S.W.	5	10	2
24	992	918	70.3	88.3	89.2	68.6	65	69	84	53	N.	4	S.E.	6	6	5
25	958	885	69.5	86.1	87.4	68.1	63	65	85	49	N.	5	S.E.	20	..	3
26	958	925	72.1	86.5	86.5	69.3	63	72	73	65	N.W.	3	S.E.	14	..	7
27	992	913	66.1	88.1	88.1	65.5	61	69	84	53	N.	4	W.	6	..	..
28	974	916	69.2	84.5	86.6	68.2	63	68	83	59	N.	4	S.E.	12	10	10
29	956	895	67.6	83.6	85.9	67.1	64	71	87	64	N.	3	S.E.	18	..	8
30	944	891	68.4	85.6	85.8	68.0	63	68	86	56	N.	5	S.E.	10	..	..
31	937	883	67.8	85.8	86.6	67.6	61	70	76	58	N.	3	S.E.	6	..	5
Mean	29.963	29.906	70.8	84.7	86.1	69.6	66	70	84	62	N. 5.3	S.E. 10.4	4.6	4.9		
Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1.40	

The rainfall equalled the normal. Distant rain observed as follows: to northward on 5 days, to N.E. on 4 days, to S. on 2 days to S.W. on 1 day and to N.W. on one day.

KINGSTON, JAMAICA.—Mean Meteorological Results for the Year 1934 Latitude 17° 58' North. Longitude 76° 49' West.

15

Month	Air Temperatures. Fah.						Dew Point.		Relative Humidity.		Amount of Cloud.		Rainfall. Inches.		Weather. No. of days of				Winds. No. of observations.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	Mean Pressure.		Means of		Absolute Max. and Min.		7 a.m.	3 p.m.	Mean	7 a.m.	3 p.m.	Mean	7 a.m.	3 p.m.	Total.	Max.	Date.	Thunderstorm.	Rain.	Clear Sky.	Overcast.	Gales.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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\*And other days.

Barometer Pressure reduced to the Standards of National Physical Laboratory 32° Gravity at a height of 45° and to mean Sea Level.  
 of Standard Barometer above Mean Sea Level 2 ft. Height of Thermometers above ground 5 ft. Height of Rain-gauge above ground 51 ft. Height of Anemometer above ground 59 ft. Altitude.



NEGRIL POINT LIGHT HOUSE, JAMAICA.--Mean Meteorological Results for the Year 1934. Latitude 18° 15' North. Longitude 78° 23' West.

Month	Mean Pressure	Air Temperatures. Feh.						Dew Point.			Relative Humidity.		Amount of Cloud.		Rainfall. Inches.		Weather. No. of days of				Wind. No. of observations.																
		Mean			Means of			Absolute Max. and Min.			7 a.m.	3 p.m.	Mean	7 a.m.	3 p.m.	Mean	7 a.m.	3 p.m.	Total	Max.	Date.	Thunderstorm.	Rain.	Clear Sky.	Overcast.	Gales.	N.	NE.	E.	S.E.	S.	SW.	W.	NW.	Calm		
		7 a.m.	3 p.m.	Mean	Max.	Min.	Max.	Min.	Max.	Min.																										Date.	
Jan.	29.901	69.8	81.9	75.3	84.5	66.9	86.2	27	62.6	5	67	73	70	83	2.7	6.6	4.6	1.72	0.36	4	1	12	4	2	..	14	26	3	2	8	1	..	5	3			
Feb.	30.017	70.5	81.1	75.3	83.3	68.2	87.6	24	63.0	8	69	74	71	86	5.8	7.2	6.5	2.44	0.74	15	..	11	1	7	..	16	16	6	6	1	5	4	2	..			
Mar.	29.985	70.0	81.2	75.3	83.6	67.4	86.6	7	63.0	24	66	70	68	86	69	77	4.4	7.8	6.1	4.22	2.03	14	1	12	2	5	..	14	18	6	5	11	2	1	3	2	
April	953	74.1	82.4	77.2	84.6	69.6	86.4	15	66.4	4	69	71	70	80	74	77	5.1	7.7	6.4	6.34	2.53	11	..	15	..	4	..	6	22	9	13	4	..	2	4	..	
May	921	78.4	83.9	79.9	85.8	73.3	87.5	9	68.6	6	72	73	73	80	71	76	7.0	8.2	7.6	2.89	1.05	10	..	10	..	10	..	2	10	12	29	1	3	3	2	..	
June	944	80.2	84.6	81.1	87.2	74.3	91.0	28	69.5	11	72	75	73	78	73	76	6.5	8.8	7.7	1.65	0.43	30	1	13	1	11	..	3	12	12	23	3	5	..	2	..	
July	982	78.6	83.8	80.1	87.6	72.4	90.3	15	69.3	22	71	74	73	78	73	76	5.2	9.1	7.1	6.09	1.03	21	..	14	..	13	..	13	18	6	7	6	1	..	11	..	
Aug.	971	78.5	84.7	80.5	87.8	73.1	90.5	7	70.8	15	72	75	73	82	72	77	5.1	8.9	7.0	4.39	0.86	8	..	15	..	11	..	8	26	4	13	5	1	1	4	..	
Sept.	917	78.3	84.4	80.6	88.6	73.2	91.3	23	71.4	8	73	74	74	83	72	77	6.7	9.6	7.7	1.73	0.43	23	..	12	..	9	..	8	23	5	12	4	2	1	5	..	
Oct.	891	77.4	84.4	80.2	87.7	73.5	90.4	10	70.5	19	72	74	73	84	72	78	7.3	8.4	7.8	4.43	0.90	18	2	15	..	11	..	11	18	6	10	6	6	2	3	..	
Nov.	804	73.8	83.1	78.2	86.5	71.4	90.6	9	65.1	26	69	71	70	86	67	77	6.6	8.4	6.6	2.13	0.51	4	..	11	4	6	..	20	27	1	2	6	1	1	1	1	
Dec.	29.971	73.4	82.2	77.5	85.2	71.2	88.6	22	63.4	31	67	70	68	80	67	73	5.2	7.3	6.2	3.38	1.13	2	1	8	3	7	..	21	24	2	6	4	1	..	3	1	
Mean	29.953	75.3	83.1	78.4	86.0	71.2	88.9	..	67.0	..	70	73	71	83	72	77	5.6	7.9	6.7	41.46	..	..	..	..	..	..	..	..	136	240	72	128	59	28	15	46	7
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

\*And other days.

Barometer Pressure reduced to the Standard of National Physical Laboratory 32". Gravity at Latitude 45° and to Mean Sea Level. The 75th Meridian West of Greenwich Standard Time used. Altitude of Standard Barometer above Mean Sea Level 33 ft. Height of Thermometers above ground 4 ft. 6 ins. Height of Rain-gauge above ground 6 ft. 5 ins. Height of Anemometer above the ground 94 ft.

Month	Mean Pressure.	Air Temperatures. F <sup>h</sup> .						Dew Point.		Relative Humidity		Amount of Cloud		Rainfall. Inches.		Weather No. of days of				Winds. No. of observations.										
		7 a.m.	3 p.m.	Mean.	Mean of		Absolute Max. and Min.		7 a.m.	3 p.m.	Mean.	7 a.m. p.m.	3 a.m. p.m.	Total.	Max.	Date.	Thunderstorm.	Rain.	Clear Sky.	Overcast.	Gales.	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Cal.
					Max.	Min.	Max.	Min.																						
Jan.	30.010	76.7	79.8	77.4	81.2	74.0	83.1	30	67.9	30	70	71	70	5.8	4.12	0.69	19	3	2	6	41	9	...	...	...	...	2	2	2	2
Feb.	0.34	75.5	79.3	78.5	81.2	71.9	83.4	13	66.5	16	70	71	70	6.2	5.9	4.27	6	...	7	6	26	17	1	...	1	...	...	...	...	...
Mar.	00.2	76.8	80.7	77.8	82.4	73.3	84.6	29	61.9	20	71	71	71	5.7	4.6	0.66	14	...	2	9	28	15	1	...	...	...	...	4	4	4
April	29.971	79.0	82.1	79.5	84.1	74.9	85.6	20	68.9	13	72	73	72	4.9	5.2	1.45	8	...	1	3	19	32	2	...	...	1	1	2	1	2
May	944	80.3	83.6	81.2	85.9	76.9	87.9	27	70.5	24	74	75	75	5.6	5.6	2.68	1	...	1	7	47	6	...	...	...	...	...	2	2	2
June	970	81.3	84.8	82.3	86.6	75.4	88.1	14	71.9	19*	75	76	75	6.0	6.1	0.99	7	...	3	7	50	1	...	...	...	1	1	1	1	1
July	998	82.3	85.2	83.0	87.1	79.6	88.5	16	76.3	20	76	76	76	5.6	4.9	1.01	7	...	2	25	37	...	...	...	...	...	...	...	...	...
Aug.	989	81.9	85.6	83.0	87.9	78.7	88.8	2	72.6	23	76	78	77	4.9	5.7	2.20	26	...	3	4	24	27	2	...	...	1	1	3	3	3
Sept.	931	82.1	84.9	82.5	87.5	77.5	89.2	3	70.9	10	76	77	77	6.4	6.9	0.94	10	...	4	8	17	29	1	...	...	...	5	5	5	5
Oct.	910	79.6	83.5	80.5	85.9	75.2	85.5	16	71.1	5	75	75	75	6.5	6.6	1.10	19	...	8	4	18	15	5	4	2	...	2	12	12	12
Nov.	907	79.3	82.0	79.2	84.1	74.6	87.0	5	68.0	28	72	75	73	6.0	6.7	5.02	16	...	8	9	33	3	2	...	1	1	7	4	4	4
Dec.	29.991	78.8	80.4	78.7	82.2	75.6	85.6	1	71.5	13	72	72	72	6.9	6.4	2.48	10	...	12	5	39	9	1	...	...	7	1	1	1	1
Mean Totals	29.971	79.5	82.6	80.1	84.7	75.9	86.7	...	69.8	...	73	74	73	5.9	5.9	68.25	...	188	...	54	79	267	253	22	4	4	6	24	39	39

\* And other days.

Barometer Pressure reduced to the Standard of National Physical Laboratory 32°. Gravity at Latitude 45° and to Mean Sea Level. The 75th Meridian West of Greenwich Standard Time used. Altitude of Standard Barometer above Mean Sea Level 8 ft. Height of Thermometers above ground 4 feet 6 ins. Height of Rain gauge above ground 3 feet. Height of Anemometer above ground 18 ft.

YEAR 1934.

## METEOROLOGICAL—JAMAICA.

## CLIMATIC CONDITIONS.

*Precipitation.*

The year 1934 recorded a fairly even distribution of rainfall. In nearly every month the departures from the normal were not so pronounced as to be detrimental to large areas of cultivation. The only exceptional months were: February which gauged nearly three times the normal, with double the mean number of rainy days as compared to the average, and June with nearly one-half of the normal rainfall, but the mean number of rainy days was only twenty per cent. below the average.

The following condensed data relating to each month's rainfall for each Division or Parish, are given for the most important items.

*January.* Compared with the 60-year normal, this month gauged a mean a little in excess, also in respect to the number of rainy days. In each Division the rainfall was a little in excess of the normal. The greatest precipitation is noted to have occurred at the beginning of the month, as well as in the middle, and at the end. The greatest total fall for the month was 27.97 inches at Orange Vale in the North-eastern Division and the heaviest fall in 24 hours was 8.60 inches at the same station on the 18th.

The mean number of rainy days was 11, the average being 8. The greatest number was 28 at Shrewsbury in the North-eastern Division. The parish of Kingston had the smallest mean rainfall of only 0.70 inch, and Portland had the greatest mean of 13.43 inches.

*February.* Although a notably dry month the February mean rainfall for the Island for 1934 surpassed all previous records, for 63 years, by giving a mean total of 9.63 inches, which was about three times that of the 60-year normal of 3.13 inches. In the previous year 1933 (which was a year of phenomenal precipitation) February mean is shown as only 0.48 inch.

The greatest total fall for the month was 33.63 inches at Moore Town in the North-eastern Division, and the heaviest fall in 24 hours was 7.75 inches at Orange Vale in the North-eastern Division on the 14th. The mean number of rainy days was 14, as against the average of 7. The highest number being 26, at Moore Town in the North-eastern Division. The parish of Kingston had a mean rainfall of only 1.40 inch, whereas Portland gauged 20.29 inches, which represents more than 2½ times that of the 10-year average of this parish rainfall.

*March.* The mean rainfall 4.20 inches was in excess by about 25% of the 60-year normal of 3.35 inches, and was exceeded in all the Divisions except the North-eastern. The greatest precipitation appears to have occurred from the 12th to the 14th. The mean number of rainy days was 10, or 2 more than the average. The greatest number being 22 at Hope Bay in the North-eastern Division. The greatest total fall for the month was 13.47 inches at Millbank in the North-eastern Division, and the heaviest fall in 24 hours was 6.00 inches at Huddersfield in the Northern Division on the 9th. The parish of Kingston had the least mean, with 1.41 inch, the 10-year normal, however, being 0.64 inch, and the parish of Westmoreland had the greatest with 6.59 inches, the 10-year normal being 3.34 inches.

*April.* The excess was also recorded in April, shewing a mean of 6.65 inches as against the 60-year normal of 4.77 inches. There was a proportionate excess shown in all the divisions. The greatest precipitation appeared to have occurred during the first half of the month, particularly on the 6th and the 12th but, generally, the rainfall was fairly well distributed. The mean number of rainy days was 12, as compared with the average of 9. Bethel Town District, Darliston and Grange Hill, all in the West-central Division, had the most rainy days of 22 each.

The greatest total fall for the month was 23.32 inches at Wallingford, in the West-central Division, and the heaviest fall in 24 hours was 6.14 inches at Paradise in the North-eastern Division on the 6th. On the 10th an excessive rate of fall of 3.13 inches in one hour was experienced at Albion, in the North-eastern Division, accompanied by strong gusts of wind. The parish of Kingston had the least with 1.54 inch and Westmoreland the greatest with 10.09 inches.

*May.* For the first time in twelve months the mean rainfall for the Island was below the average there was a deficiency in all the Divisions, particularly in the North-eastern and the Southern. The mean for the four Divisions being 7.26 inches, as against the 60-year normal of 8.77 inches. Most of the rain appeared to have fallen during the first half of the month, particularly on the 1st, 5th, 11th and 14th. The mean number of rainy days was 11, the average being 12. Cascade in the Northern Division had the greatest number of rainy days—15.

The greatest total fall for the month was 24.56 inches, at Askenish in the West-central Division, and the heaviest fall in 24 hours was 4.76 inches at Wallingford in the same Division. No rain was recorded at Lennox in the North-eastern Division. The parish of Kingston had the least with 1.45 inch, as compared with the 10-year normal of 1.90 inch, and the parish of Hanover had the most with 13.14 inches as against the 10-year normal of 11.00 inches. The May "Season" was therefore not excessive.

*June.* The mean rainfall for the Island was much below the average in all the Divisions, being only about one half of the normal. The mean being 3.57 inches, and the 60-year normal 6.53 inches. The greatest total fall for the month was 13.42 inches at Askenish in the West-central Division, and the heaviest fall in 24 hours was 5.72 inches at Suttons in the Central Sub-division, on the 19th. No rain fell at Fellowship, Lennox and Richmond Estate.

The mean number of rainy days was 8, as compared with the average of 10. Barrett's Gap in the North-eastern Division, Cascade in the Northern and East Prospect in the Southern Division, had most rainy days—19 each.

The parish of Kingston had the least rainfall, with only 0.63 inch, as compared with the 10-year average of 2.42 inches. And Hanover, again, had relatively the most, with 7.12 inches, as compared with the 10-year average of 10.83 inches.

*July.* The mean rainfall for the Island was slightly in excess of the average. The West-central Division had a small excess, while the other three Divisions had a little less than their averages. The Island mean was 4.86 inches, as compared with the 60-year normal of 4.75 inches. The greatest total fall for the month was 21.54 inches at Millbank in the North-eastern Division, and the heaviest fall in 24 hours was 4.20 inches at Moore Town in the same Division, on the 7th. The rainfall was well distributed, the mean number of rainy days being 10, or one more than the average. Haughton Hall, in the Northern Division and Water Works Pen, in the West-central Division, had most rainy days of 25 each.

The parish of Kingston had the least rainfall with only 0.75 inch as against the 10-year average of 3.02 inches. And the parish of Hanover for the third month recorded the highest, with 10.79 inches, the 10-year average being 7.84 inches.

*August.* There was a small excess in the Island rainfall, being 7.45 inches, as compared with the 60-year normal of 6.93 inches. The West-central Division was deficient but the other three Divisions had more than their averages. The greatest total fall for the month was 31.62 inches at Millbank in the North-eastern Division, and a heavy fall of 9.35 inches in 24 hours was recorded on the 26th August, at Point Hill; of this remarkable precipitation, it was reported by the Public Works Department that 8.72 inches actually fell in three hours in the early morning of the 27th. At the same time (on 26th) Bellas Gate, about 4 miles to the South-west of Point Hill, gauged 9.80 inches in 24 hours; also Browns Hall in about the same locality gauged 9.00 in 24 hours. This heavy flood rain inundated the water shed around causing the river courses to be in heavy spate; rising considerably above normal stream levels and resulting in serious damage to cultivation.

The parish of St. Ann shewed the least mean of 4.15 inches, the 10-year average being 4.87 inches. And the greatest mean was 12.26 inches in Portland. The 10-year average being 10.48 inches.

The mean number of rainy days was 11, which is the average for the month. Bethel Town District, in the West-central Division had most rainy days—14.

*September.* The mean rainfall for the Island was slightly under the average, being 7.70 inches as against the 60-year normal of 7.94 inches. The North-eastern and West-central Divisions were in excess. The Northern and Southern Divisions were deficient. The greatest total fall for the month was 22.99 inches at Mount Airy in the North-eastern Division, and the heaviest fall in 24 hours was 4.87 inches at Santa Cruz in the Southern Division on the 1st.

The heaviest precipitation appears to have occurred during the first fortnight, particularly on the 1st, 6th and 12th but the rainfall, generally, was well distributed, the mean number of rainy days being 14, or one more than the average for the month. The greatest number was 26 at Bethel Town District and at Water Works Pen, both situated in the West-central Division.

The parish of Kingston had the least mean of 2.92 inches, and the 10-year normal shews 3.88 inches. Then the greatest mean was 10.72 inches in the Parish of St. Andrew, where the 10-year normal shews 8.42 inches.

*October.* The "Season" rain was somewhat below the 60-year normal in all the Divisions, shewing 8.74 inches, as against the normal of 10.21 inches. The greatest fall for the month was 21.63 inches at Warsop in the West-central Division, and the heaviest fall in 24 hours was 5.85 inches at Suttons in the Central Sub-division on the 1st. The heaviest precipitation appears to have occurred during the first week, and particularly on the 1st and 2nd but the rainfall, generally, was well distributed, as the mean number of rainy days, was 15, or one more than the average for the month. Bethel Town District, in the West-central Division had the most rainy days—28.

The parish of Kingston had the least mean with 4.59 inches as against the 10-year average of 6.83 inches. The parish of Hanover had the greatest with 11.17 inches as against the 10-year average of 11.70 inches.

*November.* The mean rainfall for the Island exceeded the normal in all the Divisions, excepting the West-central which shewed a small deficiency. The mean for the Four Divisions shews 10.29 inches, as against the 60-year normal of 8.29 inches. Flood rains fell in the North-eastern Division, from the 12th to the 17th particularly on the latter date, which caused considerable damage to roads and bridges in the eastern parishes. During this period a "Norther" was experienced in several parishes, causing material damage to banana cultivation in Manchester, Clarendon, St. Catherine and elsewhere. The greatest total fall for the month was 64.53 inches at Balcarres in the North-eastern Division, and the heaviest falls in 24 hours were 17.64 inches at Mount Holstein, 16.80 inches at Castleton Gardens and 16.12 inches at Balcarres, on the 17th. All in the North-eastern Division.

The mean number of rainy days was 13, the average being 12. Manchioneal and Hope Bay, both in the North-eastern Division had most rainy days, 24 each.

The parish of Portland gauged the greatest mean of 28.42 inches as against the 10-year normal of 26.04 inches, and the parish of Kingston had the least rainfall, 4.09 inches, as compared with the 10-year average of 3.10 inches.

*December.* The mean monthly rainfall was slightly above the average, being 5.27 inches as against the 60-year normal of 5.20 inches. The North-eastern Division was below the normal by about  $1\frac{1}{2}$  inch but all the other Divisions were above. The greatest fall for the month was 25.75 inches at Millbank, in the North-eastern Division, and the heaviest fall in 24 hours was 5.39 inches at Hopewell in the Northern

Division on the 9th. No rain fell at Mountainside in the Southern Division. The heaviest precipitation appeared to have occurred during the first fortnight, with marked preponderance on the 7th. The mean number of rainy days was 10, the average being 9. The North-eastern Division had the greatest mean of 16.

The parish of Portland recorded the greatest mean of 13.90 inches as against the 10-year average of 14.43 and the parish of Kingston shewed, relatively, the least with 1.53, as compared with the 10-year average of 0.82 inch.

#### THE ISLAND RAINFALL FOR THE YEAR 1934.

The total mean rainfall for the year 1934, derived from the 12 monthly means embracing the Four Divisions, supplied by about 240 reporting stations from all sections of the Island, was 79.82 inches; as against the 60-year Island Normal of 73.87 inches, the first half of the year gauged a mean total of 35.53 inches, as compared with a possible normal of 30.55 inches, shewing nearly 5 inches in excess of the normal. And the second half, from July to December, had a mean total of 44.29 inches as against a possible normal of 43.32 inches, or about one inch in excess of the normal. The year's rainfall was 5.95 inches in excess of the 60-year average. The North-eastern Division shewed about 7½%, the Northern Division about 9%, the West-central Division about 11%, and the Southern Division about 4%, all above, on the whole, about 8% above the normal.

The mean number of rainy days for the year was 139, as against the 35-year average of 122, or 17 days of rain in excess of the normal. Taking the year's total rainfall as 79.82 inches an average rainfall of 0.57 inch per rainy day is derived. October had a mean of 15 rainy days which is the greatest, and June the least with only 8. The parish of Portland gauged the greatest total annual rainfall of 130.19 inches followed by Hanover, with 97.18 inches. The parish of Kingston had the least annual rainfall with only 25.95 inches.

A reproduction of the Annual Table, which appeared in the Weather Report No. 699 for December, 1934, page 7, is subjoined.

Table—The Island Rainfall, 1934 (In Inches).

Month.	Divisions.				The Island.		Rainy Days.	
	N.E.	N.	W.C.	S.	1934	Average for 60 years.	Means for 1934.	Average for 33 years.
January	8.89	3.86	3.36	2.91	4.76	4.00	11	8
February	15.07	6.50	8.90	5.63	9.03	3.13	14	7
March	3.74	3.85	6.05	3.44	4.27	3.35	10	8
April	7.60	4.53	10.87	3.58	6.64	4.77	12	9
May	6.54	6.03	11.77	4.71	7.26	8.77	11	12
June	3.42	3.05	5.63	2.19	3.57	6.53	8	10
July	5.11	3.14	8.21	2.96	4.85	4.75	10	9
August	9.03	5.33	9.41	6.01	7.44	6.93	11	11
September	8.58	5.85	11.30	5.06	7.70	7.94	14	13
October	9.07	7.04	12.12	6.73	8.74	10.21	15	14
November	20.86	7.09	6.07	7.12	10.29	8.29	13	12
December	8.96	5.50	3.68	2.95	5.27	5.20	10	9
Total, 1934	106.87	61.77	97.37	53.29	79.82	..	139	..
Total, 60 average	99.54	56.68	87.84	51.42	..	73.87	..	122

#### WEATHER DISTURBANCES.

On the 21st August, the United States Weather Bureau located an apparently small weather disturbance to the south-east of Porto Rico, with an estimated movement to the westward. It did not seem to organize after that and dissipated.

On the 18th September the United States Weather Bureau reported a small tropical disturbance estimated at about 75 miles to the north of St. Martins, Leeward Islands, apparently moving North-westward. But this disturbance did not indicate further development and also dissipated.

On the 19th October an advisory notice was issued to the effect that there was some evidence of the development of a tropical disturbance a short distance to the westward of Jamaica. On the 20th, it was re-located to the south-west of Negril Point, but no strong winds were reported. At Negril Point the wind did not exceed 15 m.p.h. from the west except at 3 p.m. on the 20th. It was no longer identified on the 21st and possibly failed to organize to any great intensity.

It may be concluded that the Caribbean Region was notably free of hurricanes during the 1934 period.

It should, however, be mentioned that there was a weather disturbance of some intensity reported on 5th June in the region of Southern British Honduras moving toward the Guatemala and San Salvadorean coast (near Central America). The United States Monthly Weather Review for June, 1934, page 202 (article by G. E. Dunn) gives a detailed account of the track of this storm. On the 5th June, the centre appears to have crossed the coastline of British Honduras near to Belize, when the wind blew north-west at 34 m.p.h. On the 6th it was in the vicinity of the Guatemalan border with a reported barometer reading

of 29.60 inches. The station at San Salvador reported torrential rains on the 7th accompanied by wind of 50 m.p.h. of gale force. Later on it was estimated as having crossed the Yucatan Peninsula moving into the gulf of Mexico. Press reports indicated that between 1,000 and 3,000 persons were killed or injured, perhaps due to floods in the majority of cases.

This disturbance can hardly be entitled to be classed even as a Western Caribbean storm, being exterior to the limit.

#### HAILSTORM.

On the afternoon of the 12th April, there was a heavy hailstorm, and 2.28 inches rain fell in 15 minutes, at Richmond (St. Mary) in the North-eastern Division. On the 16th July there was a hailstorm at Colonels Ridge in Clarendon also at the same place on 16th August.

#### NORTHERS.

A brisk norther was felt at the time of flood rains in the North-eastern Division, between 12th and 17th November. Also at Kingston, a brisk norther at 23 m.p.h. at noon on 12th December, shewing about  $\frac{1}{2}$  mile in thickness derived from pilot balloon ascent, also slight to moderate norther on 10 other days at intervals. Northers were also observed at Morant Point between 12th and 15th December of moderate force, also at Negril Point on the 15th and 26th November and from 10th to 15th December.

#### EARTHQUAKES.

April 16th, 10.30 a.m. slight shock at Clifton Hill in Manchester. July 9th, 8.05 p.m. a slight shock felt at Unity Valley, Rosemount and Mocho (St. James). July 9th, 8.10 p.m., a slight shock felt at Windsor, Lucea and Riverside—at about the same time sharp shocks were experienced at Puerto Castilla, Spanish Honduras. Also at Cayman Brac where several shocks occurred on 9th at about 8 p.m. September 9th, a slight shock was felt at Kingston at 8.40 a.m. and on the 29th at 7.25 a.m. slight shocks were felt at Rosemount, Haughton Hall, Colonel's Ridge, Mount Edgecombe, Sav.-la-Mar, Retreat and Negril Point Light House, western part of the Island. October 25th, 2.30 a.m. a slight shock was felt at Kingston and at Barbican St. Andrew. November 25th, 2.30 a.m. felt at Kingston and Unity Valley as a slight shock. December 17th, 1.25 p.m., a slight shock felt at Windsor, St. Elizabeth. No reports of shocks were received in the months of January, February, March, May, June and August (6 months).

## YEAR 1934.

## METEOROLOGICAL RESULTS.

## CITY OF KINGSTON.

The mean barometric pressure for the 12 months was for 7 a.m. 29.949 ins. and for the 3 p.m. 29.904 ins. By applying the correction for diurnal variation to each a mean of 29.937 is derived which is .005 above the 33-year normal. All the months had pressure above the normal with the exception of April and November. The month of February, 1934, shewed the highest mean barometric pressure of 30.001 ins., and November the lowest mean of 29.871 ins.

The mean annual temperature, based upon four observations per day, was 78.1 degs. which is 0.6 deg. above that of the 33-year normal of 78.7 degs. The highest maximum temperature was 93.0 degs. on 19th August, and the lowest minimum was 61.8 degs. on 11th January and 20th March. The monthly greatest extreme range was 25.3 degs. in December, and the least range was 18.8 degs. in May. The mean monthly extreme range was 22.1 degs. or 0.9 deg. less than the year previous.

The Anemometer records shewed a mean total miles of wind per day of 172, as compared with the 25-year normal of 183 miles. The months of April, May, June, November and December were above the normal and the months of January, February, March, July, August, September and October, were below the normal. The greatest mean of 266 occurred in June and the least 139 in October.

The mean relative humidity for the 7 a.m. observation was 83% or one per cent. above the normal of 82% and the 3 p.m. 68%, the normal being 69%. The greatest mean for the year gives 79% which corresponds with the 33-year normal.

The total rainfall for the year as registered at the Public Works Building, Port Royal Street, Kingston, was 26.62 inches the 60-year normal being 31.57 ins. August had the greatest with 4.98 ins. and January the least with 0.68 inch.

The total number of rainy days was 82, as against the 49-year average of 79. The greatest number of rainy days in one month was 11 in October and the least 2 in December. The upper boundary of Kingston gauged for the year 28.91 inches with 103 rainy days.

The amount of cloudiness for the year was only 2% above the normal.

## NEGRIL POINT LIGHTHOUSE.

The extreme maximum temperature was 91.3 degs. on the 23rd September, and the extreme minimum temperature was 62.6 degs. on the 5th January. The greatest range was 25.5 degs. in November and the least range 18.9 degs. in May. The greatest monthly rainfall was 6.34 ins. in April, and the least rainfall was 1.65 inch in June. The total number of rainy days was 148 for the year. The months of April, August and October had the maximum, 15 days each, and December the minimum, only 8 days. The year's rainfall shewed a total of 41.46 ins. which is about 23% below the 34-year average of 54.09 ins.

## MORANT POINT LIGHTHOUSE.

The extreme maximum temperature was 89.2 degs. on 3rd September, and the extreme minimum was 61.9 degs. on 20th March. The greatest monthly rainfall was 16.61 ins. in November, and the least 0.99 inch. in June. The year's rainfall total was 68.2 ins. or about 2% above the 60-year normal of 66.67 ins. During February and November, the rainfall was much in excess of the monthly average, but in May, June, July, September and October, there was deficiency. The other months of the year shewed small departures from the normal. There were 188 rainy days, giving an average of 0.15 inch per rainy day.